

100

102

REGISTER FILE

VALUE	
P0	1
P1	0
P2	1
P3	1
P4	1
P5	0
P6	0
P7	1
⋮	

SCOREBOARD

BUSY ?	
P0	0
P1	0
P2	1
P3	0
P4	0
P5	0
P6	1
P7	0
⋮	

FIG. 1

PREDICATE READ WITH OPERAND COPY

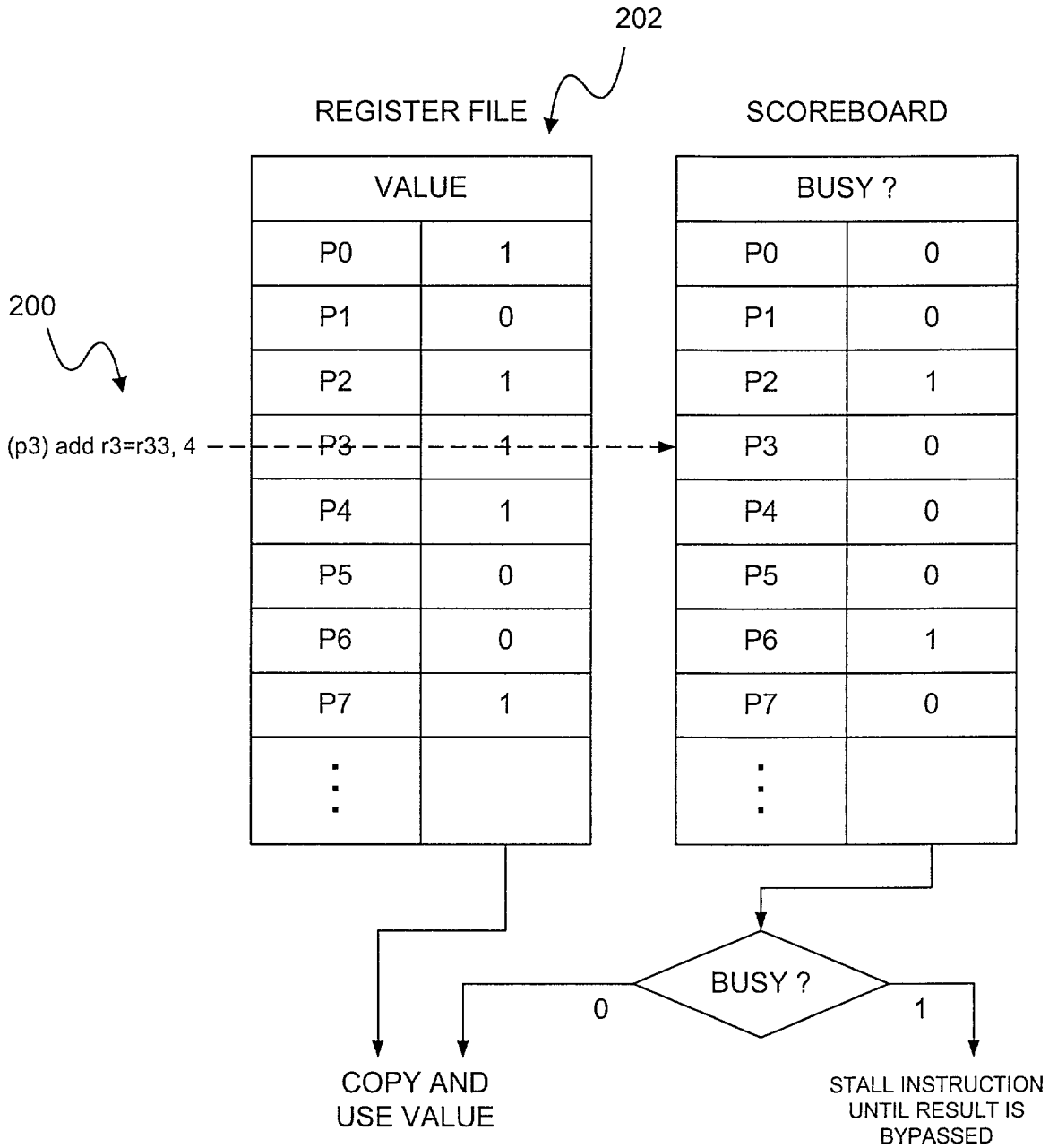


FIG. 2

PREDICATE-WRITING INSTRUCTION DISPATCH

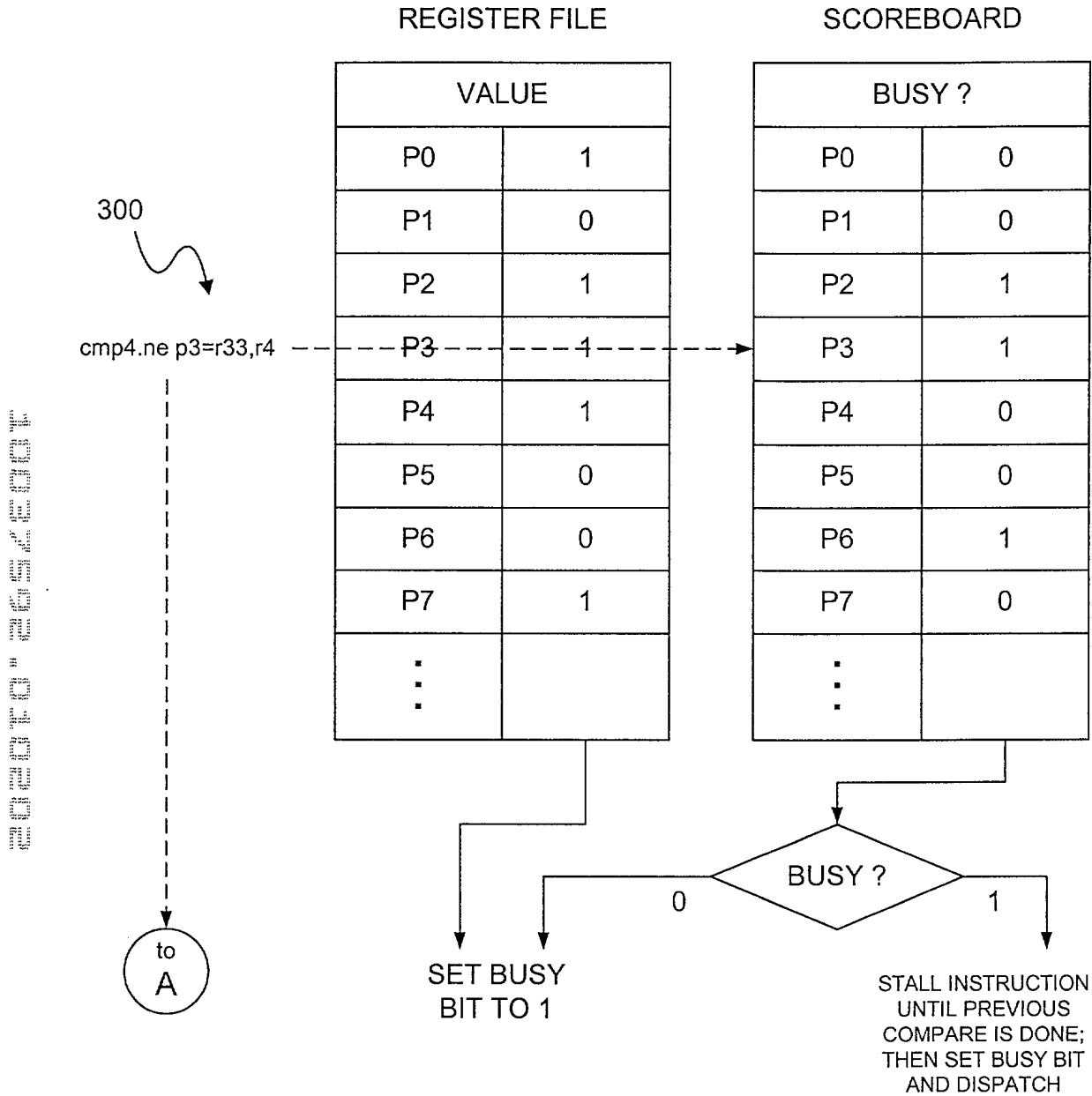


FIG. 3A

PREDICATE-WRITING INSTRUCTION COMPLETION

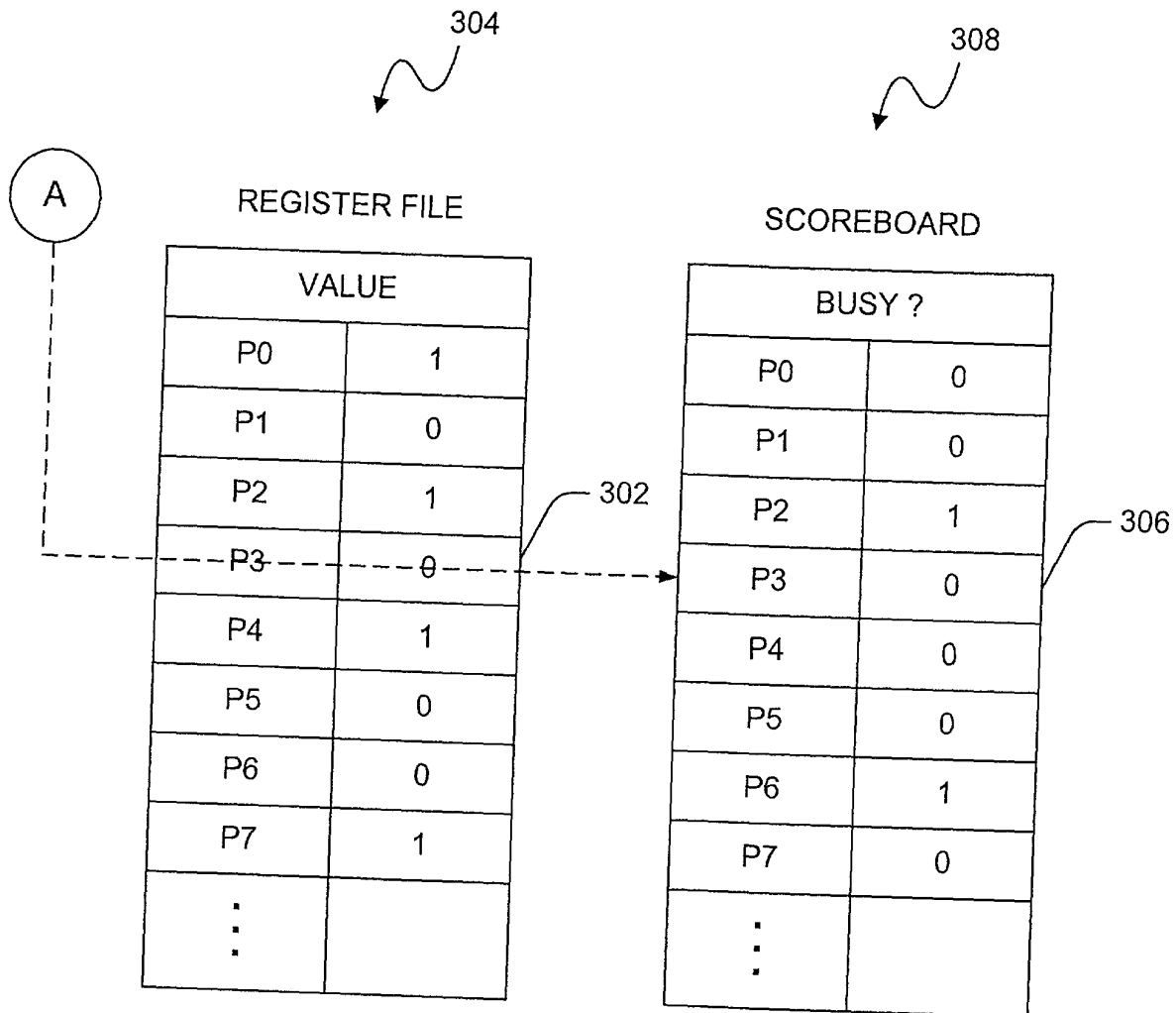


FIG. 3B

ALL-PREDICATES WRITING
INSTRUCTION DISPATCH
(move pr = r3)

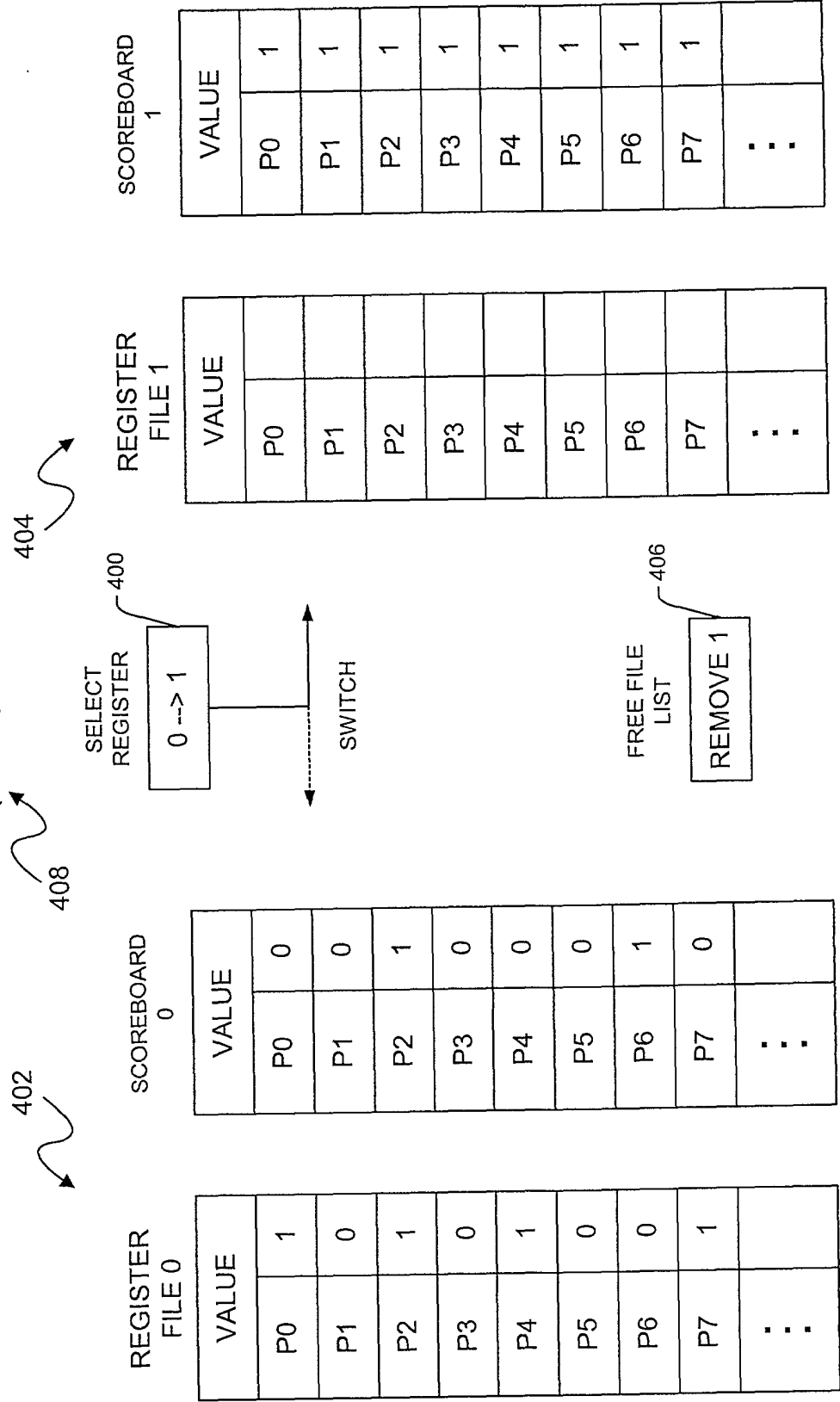


FIG. 4

ALL-PREDICATES WRITING
INSTRUCTION COMPLETION
(move pr = r3)

500

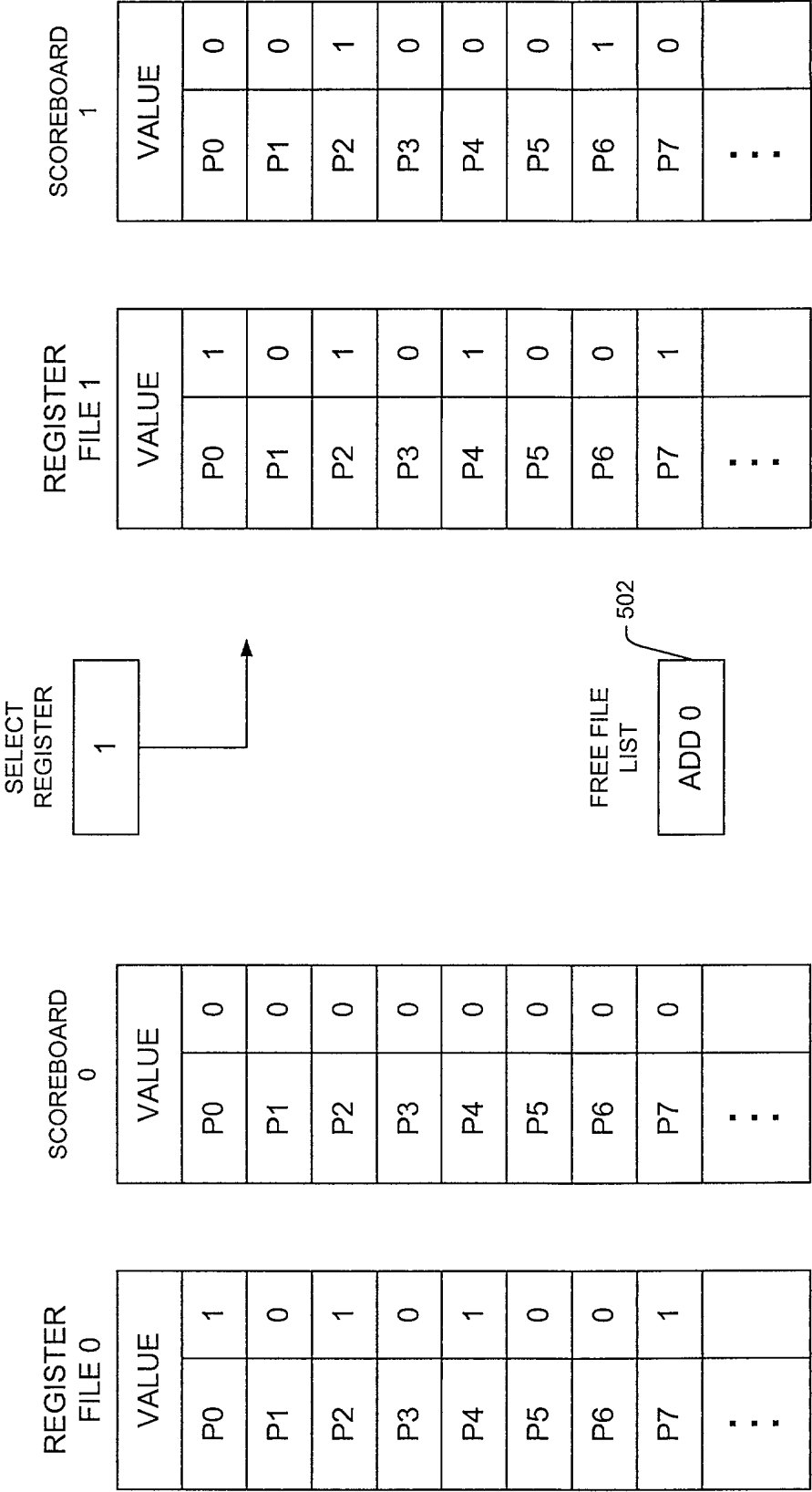


FIG. 5

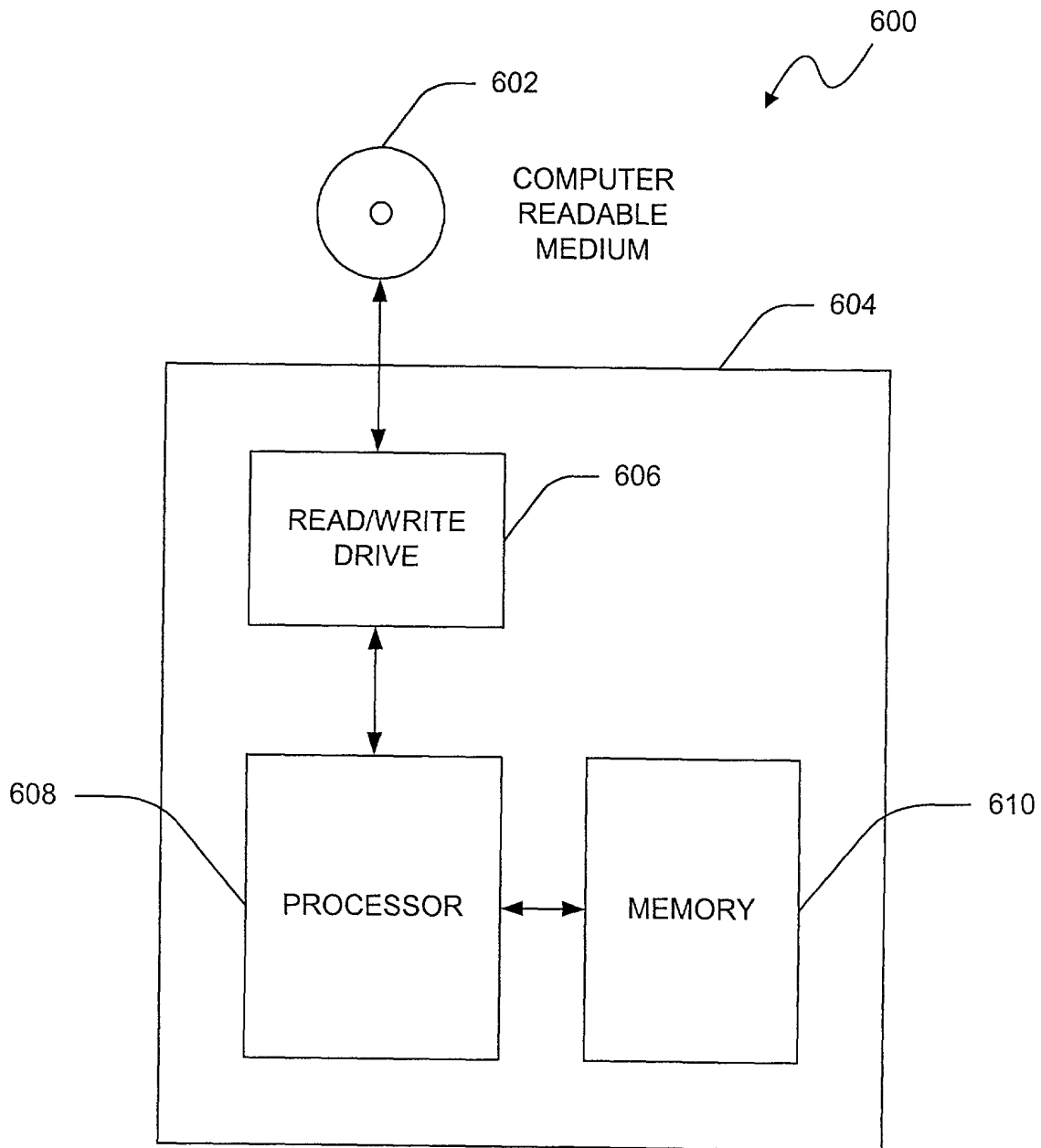


FIG. 6